

1/37

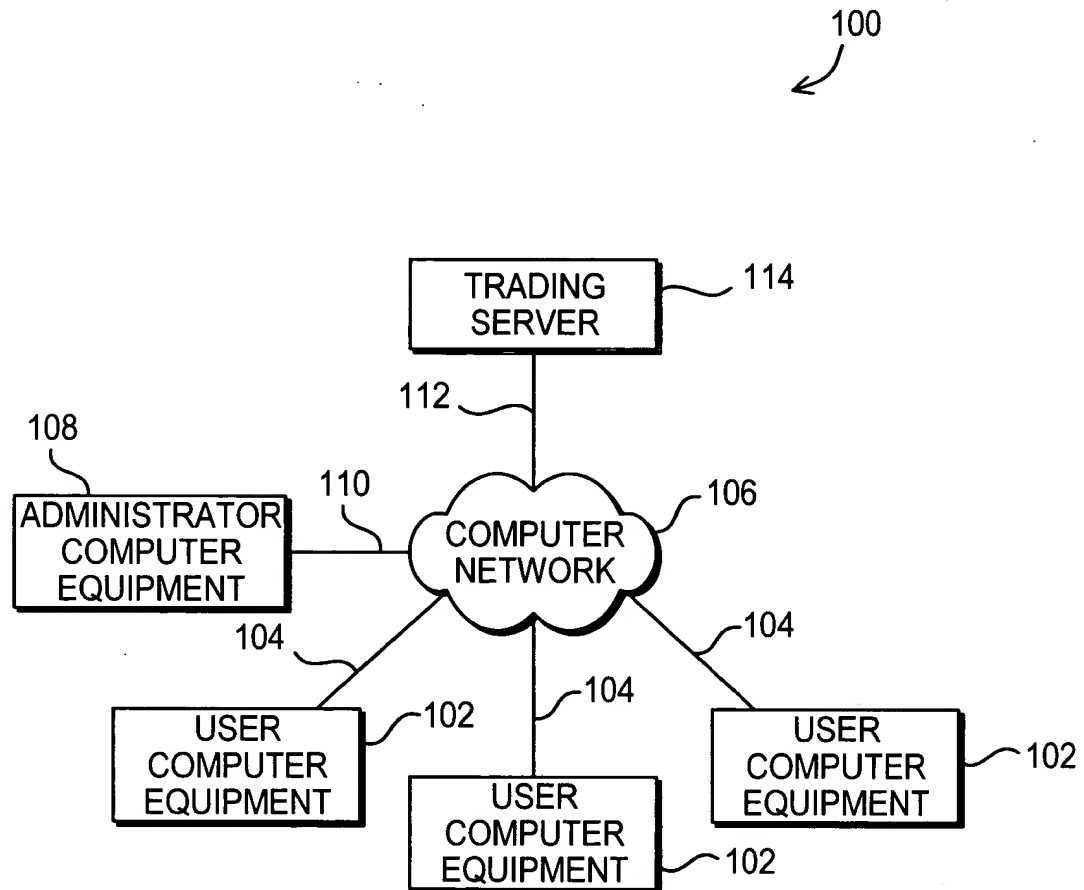


FIG. 1

2/37

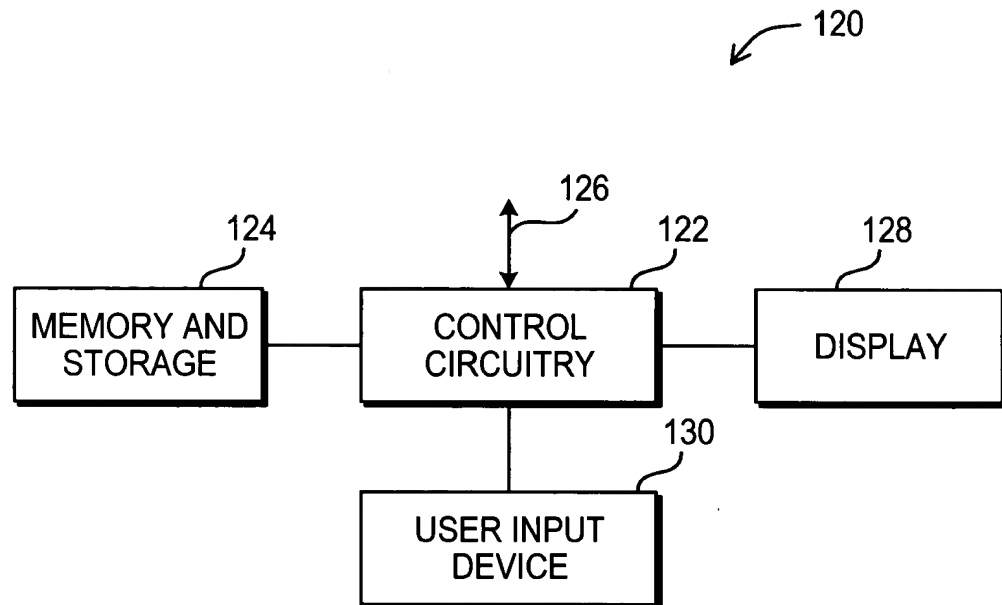
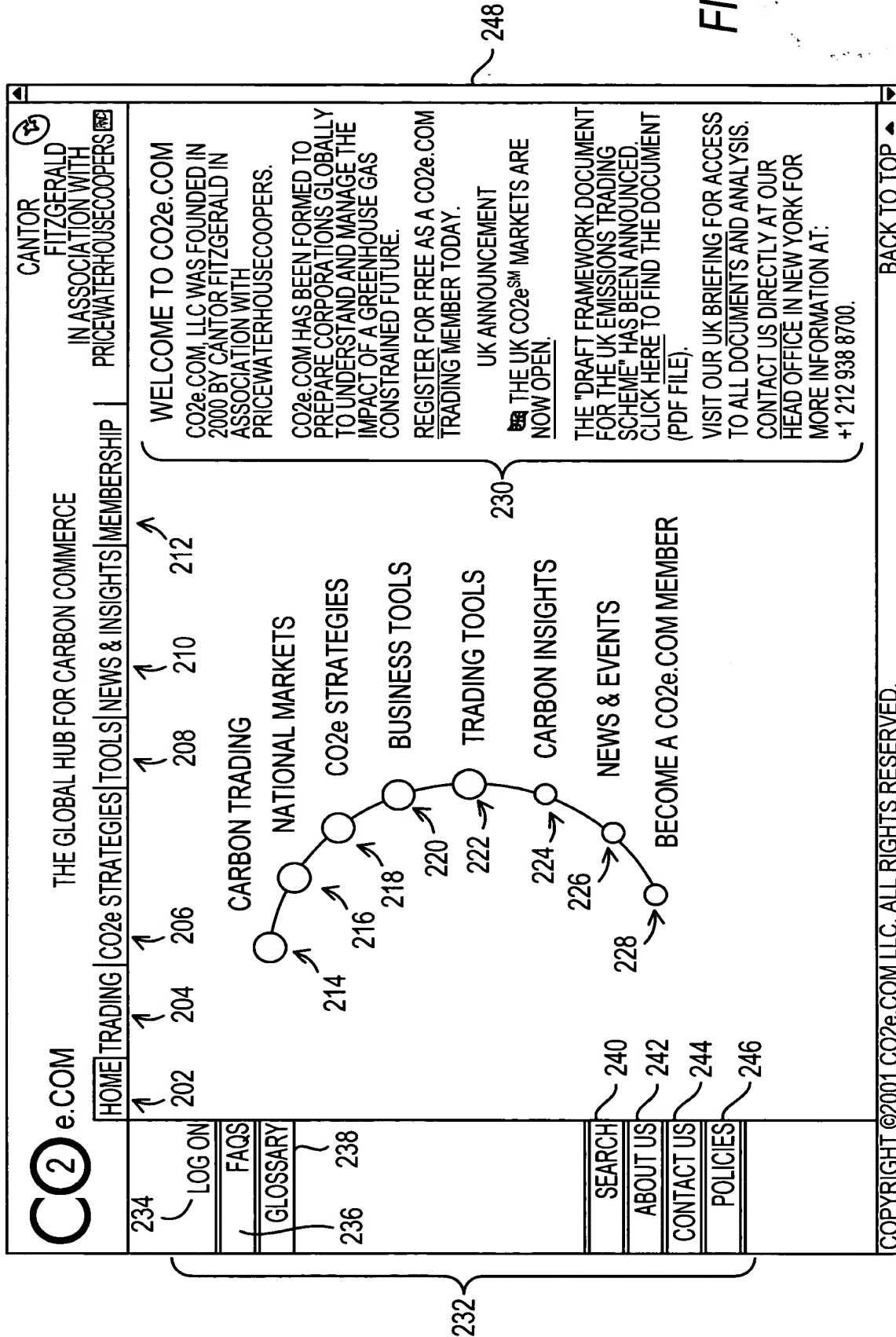


FIG. 2

200

3/37

FIG. 3



4/37

FIG. 4

300 ↙

CO₂e.COM

THE GLOBAL HUB FOR CARBON COMMERCE

HOME | TRADING | CO₂e STRATEGIES | TOOLS | NEWS & INSIGHTS | MEMBERSHIP

CANTOR
FITZGERALD
IN ASSOCIATION WITH
PRICEWATERHOUSECOOPERS

LOG ON

FAQS

GLOSSARY

LOG ON OR REGISTER

WELCOME TO CO₂e.COM.

IF YOU ARE ALREADY A TRADING MEMBER OR A VIRTUAL TRADER, PLEASE ENTER YOUR USERNAME AND PASSWORD BELOW.

USERNAME: 302

PASSWORD: 304

LOG ON 306

BECOME A TRADING MEMBER

IF YOU WOULD LIKE TO REGISTER AS A TRADING MEMBER OR A VIRTUAL TRADER FOR TRADING SIMULATIONS, CLICK BELOW.

TRADING MEMBER 308

LOG ON HELP

I HAVE FORGOTTEN MY USERNAME } 310

I HAVE FORGOTTEN MY PASSWORD }

SEARCH

ABOUT US

CONTACT US

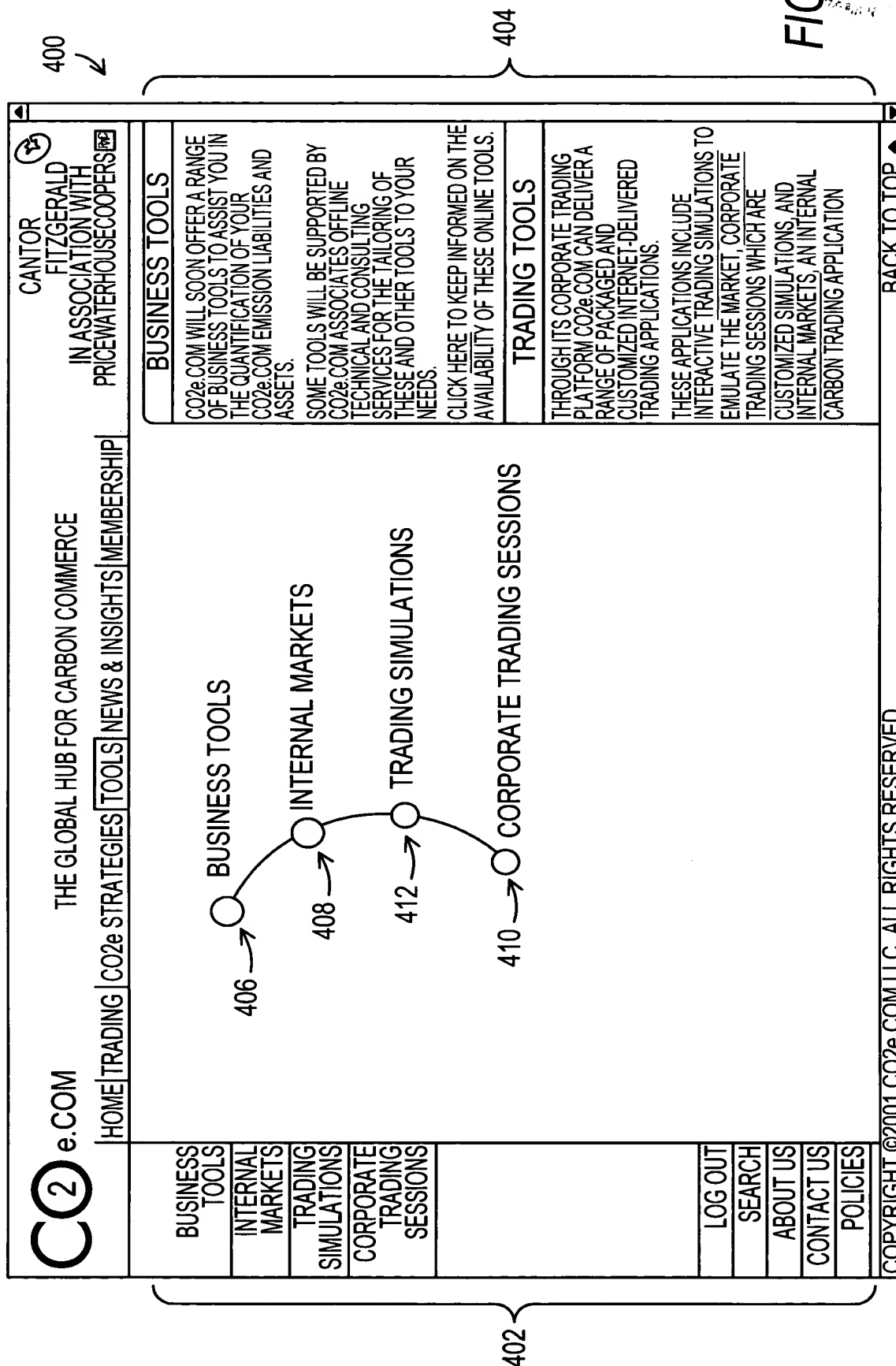
POLICIES

COPYRIGHT ©2001 CO₂e.COM LLC. ALL RIGHTS RESERVED.

BACK TO TOP

5/37

FIG. 5



6/37

FIG. 6

C2e.COM

THE GLOBAL HUB FOR CARBON COMMERCE

CANTOR
FITZGERALD
IN ASSOCIATION WITH
PRICEWATERHOUSECOOPERS

HOME | TRADING | CO2e STRATEGIES | TOOLS | NEWS & INSIGHTS | MEMBERSHIP

TRADING SIMULATION

BECOME A VIRTUAL TRADER

SELECT THE COMPANY THAT YOU WOULD LIKE TO ROLE-PLAY- INVESTIGATE YOUR INTERNAL EMISSION ABATEMENT CURVES AND BUSINESS-AS-USUAL EMISSIONS FORECASTS - ENGAGE THE TRADING ENGINE - AND TRADE AWAY ON CO2e.COM'S ONLINE TRADING SIMULATION.

THIS SIMULATION IS INTERNET-DELIVERED TO YOU BY CO2e.COM AND POWERED BY ESPEED - THE INSTITUTIONAL TRADING ENGINE THAT MANAGES THE EXCHANGE OF US\$150 BILLION IN GLOBAL COMMODITIES AND GOVERNMENT SECURITIES DAILY.

THE TRADING SIMULATION IS DESIGNED TO DEVELOP AN UNDERSTANDING OF THE OPERATION OF A MORE COMMODITISED CARBON MARKET AND DETERMINE HOW POLICY DECISIONS MAY IMPACT THIS EMERGING MARKETPLACE.

NO PUBLIC SIMULATIONS ARE CURRENTLY SCHEDULED. PLEASE CONSULT THIS PAGE REGULARLY FOR UPDATES.

CLICK HERE TO RUN THE SIMULATION (IF A SIMULATION IS SCHEDULED OR CURRENTLY RUNNING).

NOTE: THE TRADING SIMULATION HAS BEEN TUNED FOR THE MICROSOFT INTERNET EXPLORER BROWSER, VERSION 5.0 AND HIGHER. PLEASE USE ONLY THIS BROWSER CONFIGURATION TO ACCESS THE SIMULATION.

TRADING SIMULATION PROVIDES

AN INTERACTIVE SIMULATION THAT MODELS THE IMPACTS OF KEY POLICY DECISIONS THAT ARE CURRENTLY IN THE REGULATORY DEBATE

A WINDOW INTO THE POSSIBLE FUTURE OF THE CO2e TRADING MARKET

A SIMULATION THAT IS EQUALLY ENGAGING TO CARBON-CONSTRAINED CORPORATE INTERESTS, CARBON REDUCTIONS/OFFSET SUPPLIERS, EMISSION TRADERS, CONSULTANTS AND ADVISORS - NOVICES AND EXPERTS ALIKE.

HOWEVER, THE CO2e TRADING SIMULATION DOES NOT PROVIDE EITHER A CONCLUSIVE PREDICTION OF THE CLEARING PRICE OF CARBON, OR AN ANALYSIS OF THE MACRO-ECONOMIC IMPACTS OF THE KYOTO FLEXIBILITY MECHANISMS.

WITH A CLEAR UNDERSTANDING OF THE INTENT OF THIS TOOL - ENJOY THE GAME - AND MAY THE BEST TRADER WIN!

TO PARTICIPATE IN THE TRADING SIMULATION, YOU MUST BE REGISTERED AS A CO2e.COM TRADING MEMBER OR VIRTUAL TRADER.

CLICK HERE TO REVIEW YOUR CO2e.COM REGISTRATION OPTIONS.

500

502

506

504

7/37

FIG. 7

600

604

ABOUT THE
SIMULATION

WELCOME TO THE ONLINE
TRADING SIMULATION

...POWERED BY
eSPEED

THE ELECTRONIC TRADING PLATFORM
THAT CURRENTLY EXECUTES US\$150
BILLION IN GLOBAL TRANSACTIONS DAILY

CO2e.COM'S TRADING SIMULATION IS A PLATFORM TO MODEL THE OPERATION OF A MORE COMMODITISED GREENHOUSE GAS
EMISSIONS EXCHANGE, AND DETERMINE THE POTENTIAL IMPACT OF MAJOR POLICY DECISIONS ON THIS EMERGING MARKET.

602

THE
SIMULATION
IS

INTERACTIVE
RELEVANT
EASY

ECONOMIC
MODELLING
AND
IT IS
NOT

REALITY
PREDICTIVE

606

LEARN HOW TO PARTICIPATE IN THE SIMULATION USING THE INTRODUCTORY DEMO.
IN ORDER TO GAIN ACCESS TO THE TRADING SIMULATION, YOU MUST BE
REGISTERED AS A CO2e.COM TRADING MEMBER OR SIMULATION PARTICIPANT.

RUN THE SIMULATION

THE TRADING SIMULATION HAS BEEN TUNED FOR THE MICROSOFT INTERNET EXPLORER BROWSER,
VERSION 5.0 AND HIGHER. PLEASE USE ONLY THIS BROWSER CONFIGURATION TO ACCESS THE
SIMULATION

COPYRIGHT ©2001 CO2e.COM LLC. ALL RIGHTS RESERVED.

BACK TO TOP

8/37

FIG. 8

700

702

<p>ABOUT THE SIMULATION</p>	<p>ABOUT THE SIMULATION</p> <p>THE CO₂e.COM TRADING SIMULATION IS A PLATFORM TO LEARN ABOUT THE OPERATION OF A MORE COMMODITISED CARBON MARKET, AND THE POTENTIAL IMPLICATIONS OF MAJOR POLICY DECISIONS ON THIS EMERGING MARKETPLACE. IT REPRESENTS A SIMPLIFIED MODEL OF HOW INTERNATIONAL OR DOMESTIC CARBON TRADING MIGHT DEVELOP. THE SIMULATION COMBINES MANY OF THE KEY ELEMENTS OF EMERGING POLICY WITH SOPHISTICATED TRADING TECHNOLOGY FROM ONE OF WALL STREET'S FASTEST GROWING B2B ELECTRONIC SOLUTION PROVIDERS, eSPEED INC., TO CREATE A HIGHLY USABLE, ENJOYABLE AND INSTRUCTIVE SIMULATION.</p> <p>BROAD ASSUMPTIONS</p> <p>SEVERAL KEY ASSUMPTIONS HAVE BEEN MADE IN THE DESIGN OF CO₂e.COM'S TRADING SIMULATION.</p> <ul style="list-style-type: none">• THE SIMULATED TRADING REGIME IS ONE THAT COULD BE ESTABLISHED BY AN INTERNATIONAL INTERPRETATION OF THE KYOTO PROTOCOL, WITH OR WITHOUT AN ADVANCED DOMESTIC TRADING ENVIRONMENT• ALL CREDIT TYPES ARE FULLY DEFINED AND TRANSFERABLE ACROSS INTERNATIONAL BOUNDARIES• PARTICIPANTS IN NON-ANNEX B COUNTRIES CAN SELL AND BUY CREDITS <p>IT IS IMPORTANT TO RECOGNIZE THESE ASSUMPTIONS BEFORE ENGAGING THE SIMULATION.</p> <p>SIMULATION ELEMENTS</p> <p>FOUR DIFFERENT TYPES OF ENTITIES PARTICIPATE IN THE SIMULATION, EACH WITH DIFFERENT CHARACTERISTICS AND GOALS. BUYERS FACE CAPS ON THEIR CARBON DIOXIDE EQUIVALENT (CO₂e) EMISSIONS AND MUST UNDERTAKE INTERNAL ACTIONS AND MAY ENGAGE IN TRADING TO COMPLY WITH EMISSIONS TARGETS AT THE LEAST COST AND AVOID COMPLIANCE PENALTIES. SUPPLIERS ARE CAPABLE OF PRODUCING JOINT IMPLEMENTATION (JI) OR CLEAN DEVELOPMENT MECHANISM (CDM) CREDITS AND ATTEMPT TO MAXIMISE PROFIT FROM THE SALE OF THESE CREDITS. TRADERS TAKE SPECULATIVE POSITIONS IN THE MARKET FOR PROFIT THROUGH THE CAREFUL ANALYSIS OF LATE-BREAKING NEWS AND THE OBSERVATION OF MARKET BEHAVIOUR. TRADERS ADD LIQUIDITY TO THE MARKET. NGOS SEEK TO ACHIEVE THE GREATEST ENVIRONMENTAL "GOOD" AT THE LEAST ECONOMIC COST BY PURCHASING AND HOLDING ON TO CREDITS FOR ULTIMATE RETIREMENT WITH LIMITED ECONOMIC RESOURCES. THE PARTICIPANTS ARE LOCATED IN ONE OF THREE FICTITIOUS COUNTRIES. NARNIA AND UTOPIA ARE BOTH ANNEX B (CAPPED) NATIONS. THE BUYERS AND TRADERS ARE EXCLUSIVELY LOCATED IN THESE COUNTRIES. THE SINGLE NON-ANNEX B COUNTRY, GONDWANA, IS HOME TO ROUGHLY TWO-THIRDS OF THE SUPPLIERS, WITH THE REST LOCATED IN THE CAPPED NATIONS. BUYERS ARE ASSIGNED EMISSIONS ALLOWANCES (EAs) AFTER A DEFINED "ANNOUNCEMENT YEAR" FOR USE DURING THE COMMITMENT PERIOD. EAs ARE TRADEABLE. INTERNAL REDUCTIONS (IRs) ARE CREATED BY BUYERS UNDERTAKING EMISSION REDUCTION OR SEQUESTRATION PROJECTS INTERNALLY; THESE REDUCTIONS ARE NOT TRADEABLE. SUPPLIERS CREATE CDM OR JI CREDITS, DEPENDING ON THE JURISDICTIONS IN WHICH THEY ARE LOCATED. CREDITS ARE DISTINGUISHED BY VINTAGE (YEAR) AND WHILE CREDITS MAY BE BANKED FOR FUTURE USE (DEPENDING ON THE PARTICULAR "RULES" OF EACH CREDIT TYPE), THEY MAY NOT BE BORROWED FOR PRIOR YEAR COMPLIANCE.</p>
---------------------------------	--

20090707 22263660

9/37

FIG. 9

800

818

SELECT ORGANISATION

US DEMO

PLEASE MAKE A SELECTION OF THE ORGANISATION THAT YOU WISH TO "ROLE-PLAY" DURING THE COURSE OF THIS SIMULATION BY FOLLOWING THESE SIMPLE STEPS:

- 1- SELECT ONE ORGANISATION FROM THE LIST OF USER TYPES (BUYER, SUPPLIER, TRADER, OR NGO), BELOW
- 2- REVIEW THE DETAILS OF THAT ORGANISATION BY SELECTING THE 'VIEW' OPTION
- 3- CONTINUE THIS PROCESS UNTIL YOU ARE COMFORTABLE WITH THE ORGANISATION SELECTED
- 4- CHOOSE THE APPROPRIATE ORGANISATION BY CLICKING 'SELECT' ON THE 'SELECT ORGANISATIONS' PAGE
- 5- SELECT TO EITHER KEEP THE DEFAULT NAME OF THE ORGANISATION, OR CREATE YOUR OWN NAME

NOTE: THE SYSTEM WILL AUTOMATICALLY ENSURE THAT THERE IS A RELATIVE BALANCE BETWEEN THE PARTICIPANT TYPES (BUYER, SUPPLIER, TRADER, AND NGO). IF YOU RECEIVE AN ERROR MESSAGE ON SELECTION OF A PARTICULAR PARTICIPANT TYPE, PLEASE SELECT FROM ONE OF THE REMAINING THREE.

FOR A MORE DETAILED DEFINITION OF THE PARTICIPANT TYPES, SEE THE [SIMULATION DEMO](#)>>

- 820 ORGANISATION
- 822 POSITION
- 824 ORIGINATE
- 826 TRADE
- 828 NEWS
- 828 REPORTING
- 830 TIMELINE
- 832 DEMO
- 834 LOG OUT

802

836

- 804 BUYER ORGANISATIONS
 - COMPLIANCE TESTER - 3
- 806 SUPPLIER ORGANISATIONS
 - SELECT A SUPPLIER ORGANISATION
- 808 TRADER ORGANISATIONS
 - SELECT A TRADER ORGANISATION
- 810 NON-GOVERNMENT ORGANISATIONS
 - SELECT AN NGO ORGANISATION

NEW ORGANISATION NAME 812

LAURA'S CEMENT CO.

816

VIEW

SELECT

10/37

FIG. 10

900

ORGANISATION REVIEW	
ORGANISATION	US DEMO
POSITION	
ORIGINATE	
TRADE	
NEWS	
REPORTING	
TIMELINE	
DEMO	
LOG OUT	
<p>THE DETAILS OF YOUR SELECTED ORGANISATION ARE OUTLINED BELOW.</p> <p>NOTE: REFER TO YOUR CURRENT STATUS AFTER EACH ROUND TO ENSURE THAT YOU REMAIN SOLVENT. INSOLVENT, OR BANKRUPT PARTICIPANTS WILL NOT BE PERMITTED TO CONTINUE WITH THE SIMULATION.</p>	
ORGANISATION INFORMATION	
ORGANISATION NAME	LAURA'S CEMENT CO.
TYPE	BUYER
CURRENT STATUS	SOLVENT
COUNTRY	UTOPIA
ANNUAL CASH ALLOWANCE	US\$ 1,000,000/YEAR
BORROWING LIMIT	US\$ 10,000,000
CREDIT TYPE(S) CREATED	IR-INTERNAL REDUCTIONS
DESCRIPTION	INDUSTRIAL NRG, INC. OWNS AND OPERATES A SINGLE-CYCLE GAS POWER GENERATION FACILITY IN SOUTH CENTRAL NARNIA.
ABOUT THE SIMULATION	
<p>SEE POSITION DATA 904</p>	
BACK TO TOP	

POSITION REVIEW

US DEMO

HISTORIC AND REAL-TIME POSITIONS FOR YOUR ORGANISATION ARE PLOTTED BELOW. CHART YOUR POSITION BY SELECTING THE GRAPH OPTION (BUYERS AND SUPPLIERS ONLY).

RETURN TO THIS PAGE FREQUENTLY DURING THE SIMULATION TO KEEP TRACK OF YOUR CHANGING POSITION DATA. REFRESH THIS PAGE PERIODICALLY TO UPDATE YOUR POSITION INFORMATION.

FOR A DETAILED DEFINITION OF THE POSITIONS DATA BELOW, SEE THE DATA DESCRIPTIONS>>.

SEE ORGANIZATION DATA 1006

CURRENT CASH POSITION

US\$ 1,000,000

1000

1020

[illegible]

GRAPH 1012

[illegible][illegible]

POSITION REVIEW

US DEMO

HISTORIC AND REAL-TIME POSITIONS FOR YOUR ORGANISATION ARE PLOTTED BELOW. CHART YOUR POSITION BY SELECTING THE GRAPH OPTION (BUYERS AND SUPPLIERS ONLY).

RETURN TO THIS PAGE FREQUENTLY DURING THE SIMULATION TO KEEP TRACK OF YOUR CHANGING POSITION DATA. REFRESH THIS PAGE PERIODICALLY TO UPDATE YOUR POSITION INFORMATION.

FOR A DETAILED DEFINITION OF THE POSITIONS DATA BELOW, SEE THE DATA DESCRIPTIONS>>.

SEE ORGANIZATION DATA 1006

CURRENT CASH POSITION

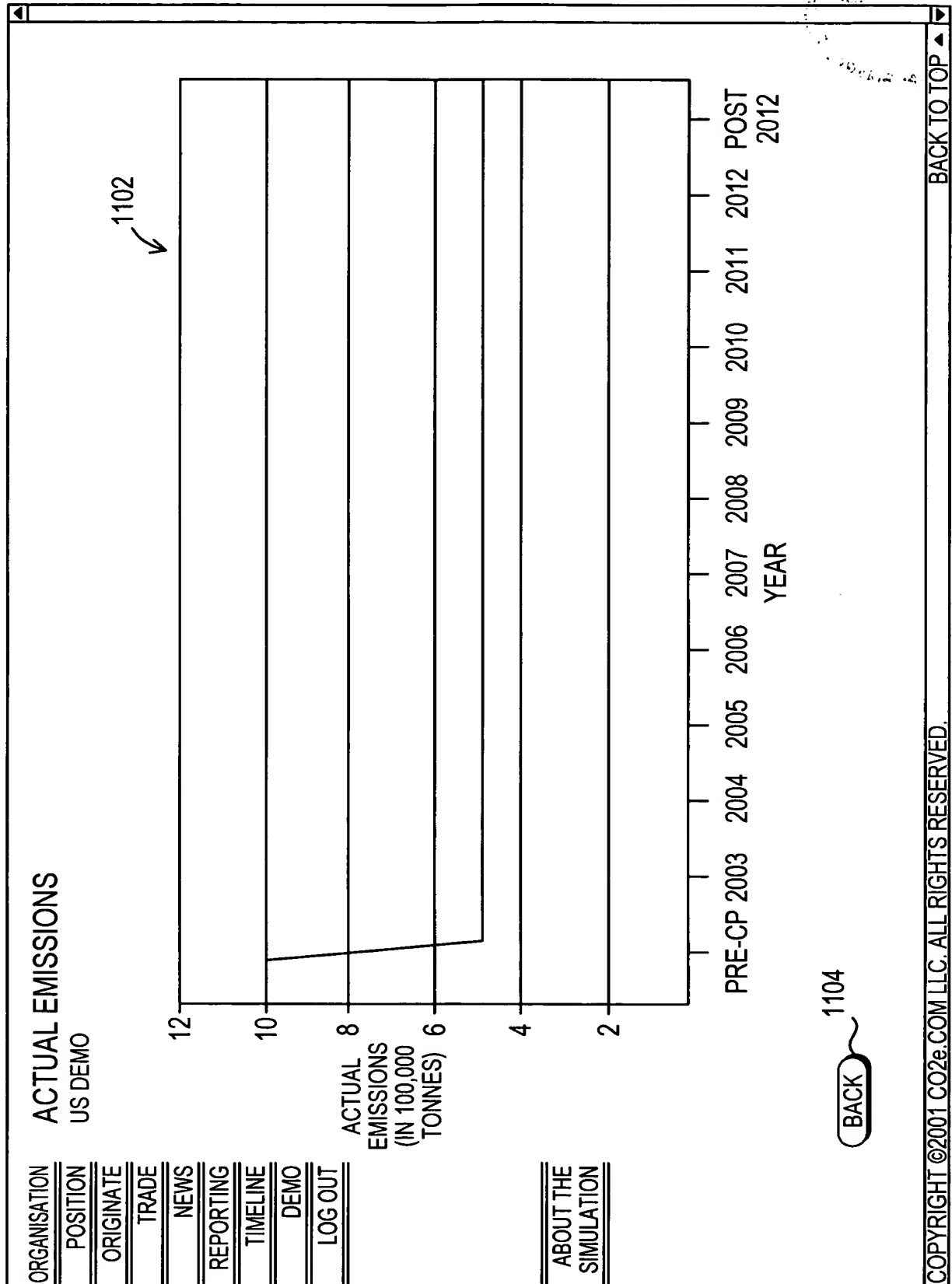
[illegible]

GRAPH 1012

[illegible][illegible]

12/37

FIG. 12



13/37

FIG. 13

822

ORGANISATION

POSITION

ORIGINATE

TRADE

NEWS

REPORTING

TIMELINE

DEMO

LOG OUT

ORIGINATE

US DEMO

THE ORIGINATION UTILITY IS PROVIDED TO ALLOW PARTICIPANTS TO GENERATE CREDITS (FOR SUPPLIERS) OR INTERNAL REDUCTIONS (IRs) (FOR BUYERS).

TO ORIGINATE CREDITS OR IRs, PLEASE TAKE THE FOLLOWING SIMPLE STEPS:

- INPUT THE TOTAL AMOUNT OF TONNES THAT YOU WOULD LIKE TO PRODUCE OVER THE 10-YEAR LIFESPAN OF YOUR PROJECT IN THE 'TOTAL VOLUME' FIELD BELOW
- CLICK 'CALCULATE' TO DETERMINE THE TOTAL COST FOR THIS ORIGINATION (TOTAL COST IS A FUNCTION OF YOUR ORGANISATION'S MARGINAL ABATEMENT/SUPPLY COST CURVE)
- CLICK 'ACCEPT' (ONLY ONCE) IF YOU WISH TO ORIGINATE THE CREDITS OR IRs, OR 'CANCEL' TO RESET THE ORIGINATION UTILITY

REMEMBER: THE TOTAL VOLUME OF CREDITS OR IRs WILL BE SPREAD OVER THE LIFESPAN OF YOUR PROJECT (10 YEARS). SO 1/10TH OF THE TOTAL VOLUME AMOUNT WILL BE ASSIGNED TO EACH YEAR. IF THE ORIGINATION REACHES PAST THE END OF THE COMMITMENT PERIOD, THE CREDITS OR IRs WILL BE ASSIGNED AS 'POST 2012' TONNES AND WILL BE VALUED AS AN ASSET AT THE END OF THE SIMULATION.

ORGANISATION COMPLIANCE TESTER - 3

ISSUE CLASS IR

PROJECT TYPE INTERNAL REDUCTIONS (INT)

TOTAL VOLUME 1206 100000 TONNES OVER 10 YEARS

(IN BLOCKS OF 100,000)

TOTAL COST US\$ 100,000.00

CALCULATE 1208

ACCEPT 1210

CANCEL 1212

1214

MARGINAL ABATEMENT/SUPPLY COST

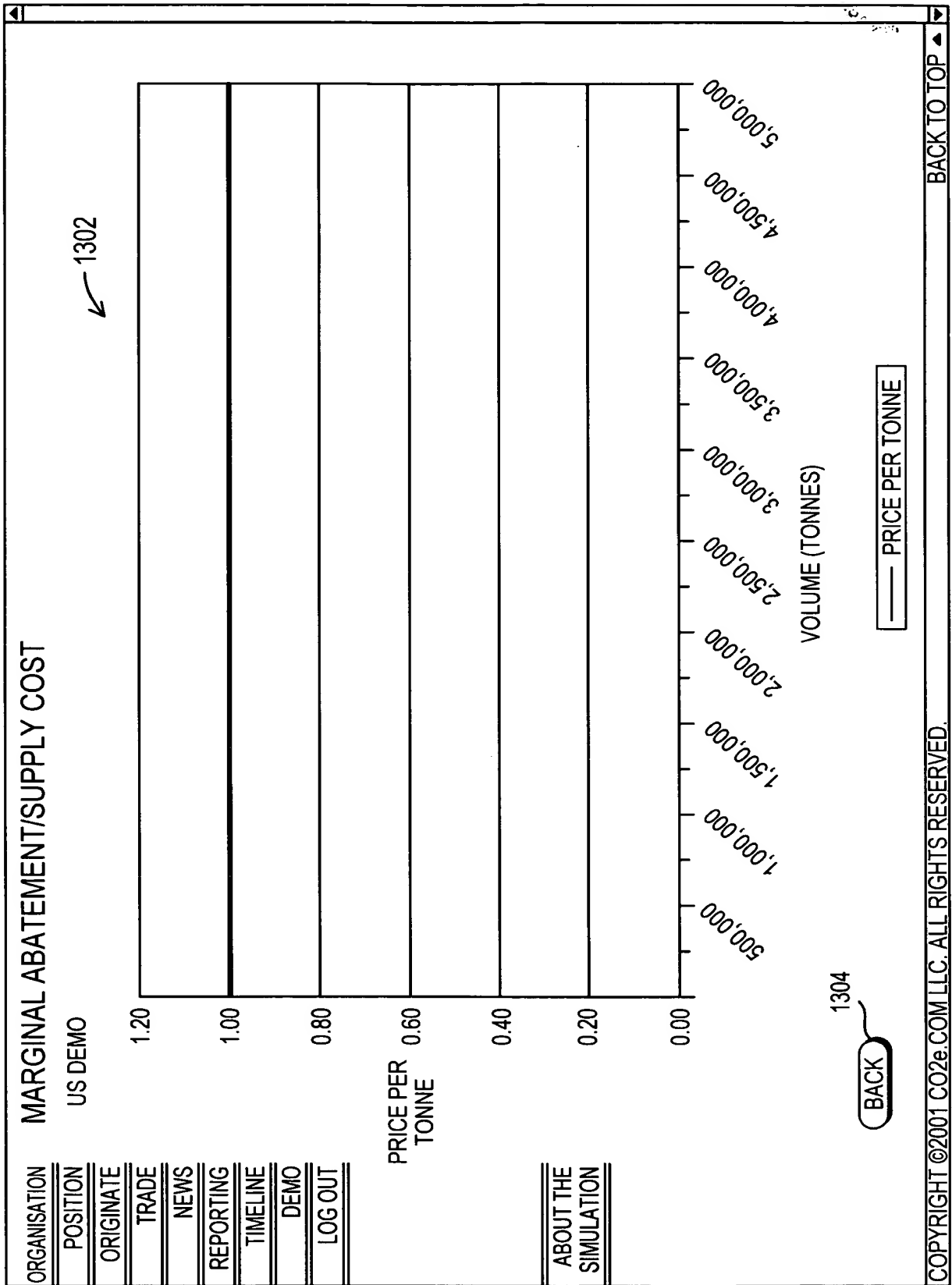
VOLUME FROM	0	100,000	200,000	300,000	400,000	500,000	600,000	700,000	800,000	900,000	1,000,000	1,100,000	1,200,000	1,300,000
VOLUME TO	100,000	200,000	300,000	400,000	500,000	600,000	700,000	800,000	900,000	1,000,000	1,100,000	1,200,000	1,300,000	1,400,000
US\$ PER TONNE	\$ 1.00	\$ 1.00	\$ 1.00	\$ 1.00	\$ 1.00	\$ 1.00	\$ 1.00	\$ 1.00	\$ 1.00	\$ 1.00	\$ 1.00	\$ 1.00	\$ 1.00	\$ 1.00

GRAPH 1220

TOTAL ORIGINATED 0 1216

14/37

FIG. 14



1500

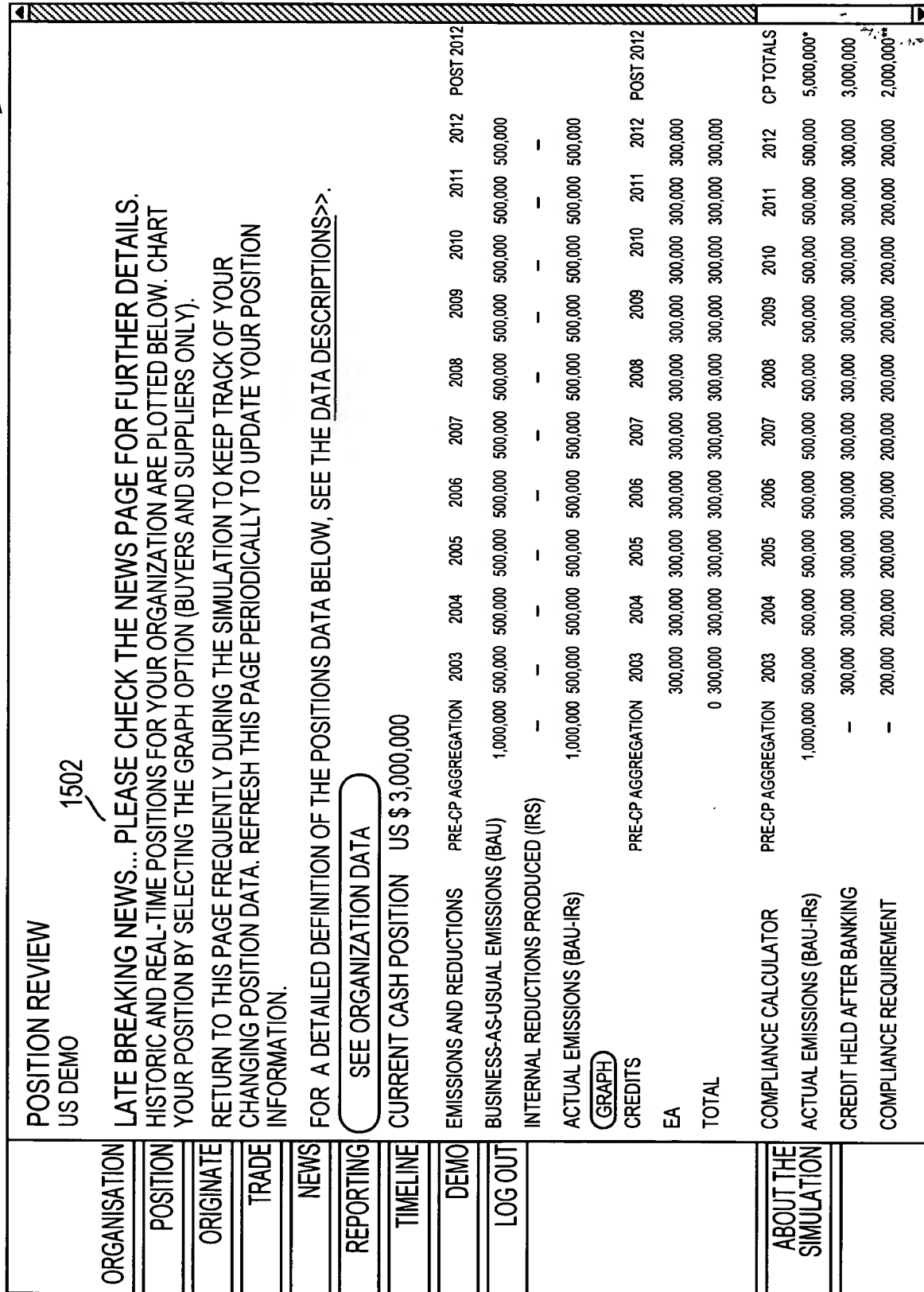


FIG. 16

17/37

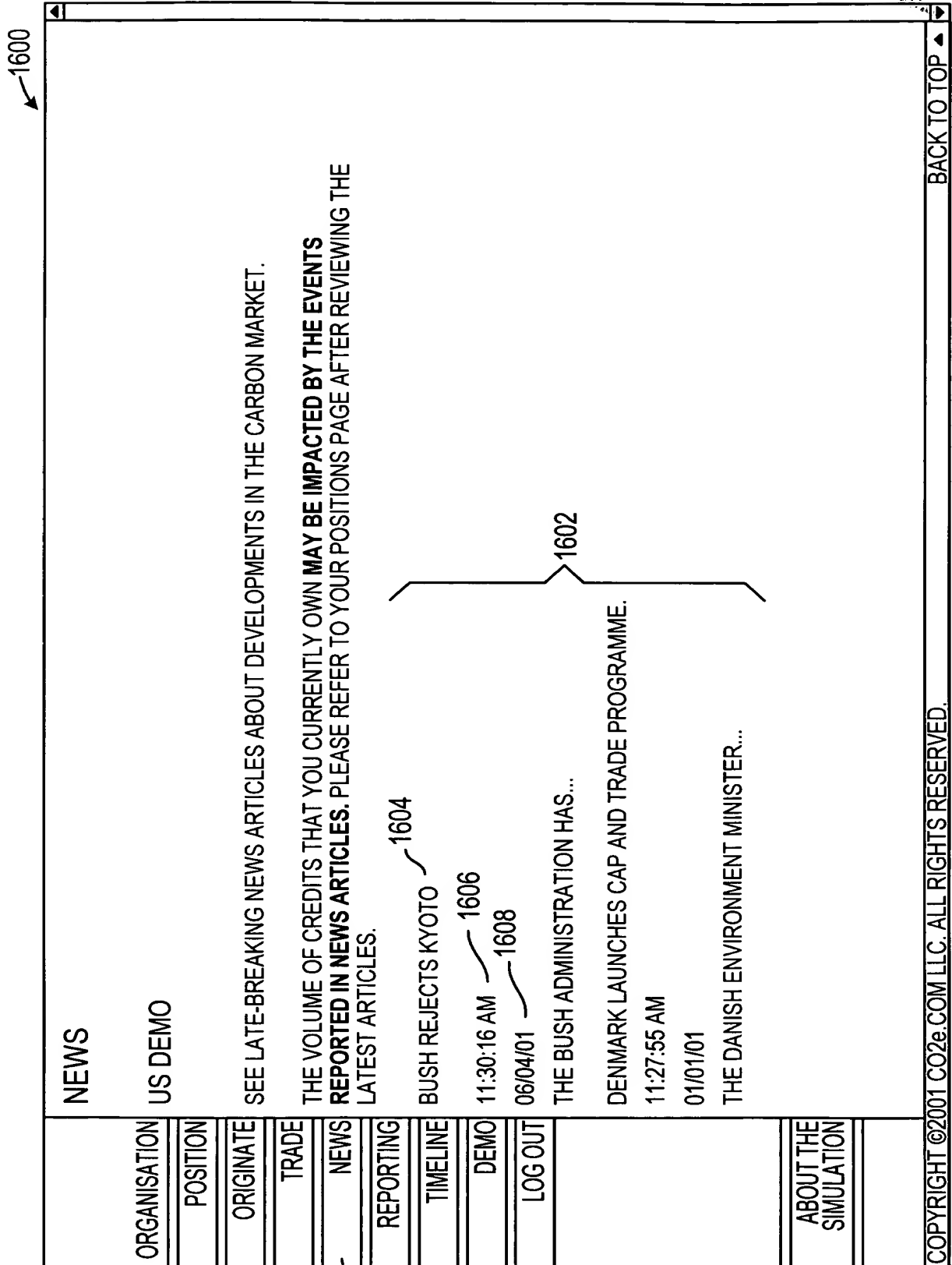


FIG. 17

1700

SIMULATION TIMELINE

US DEMO 1704

00:00:11 TIME REMAINING IN CURRENT ROUND

CO2e.COM'S TRADING SIMULATIONS ARE DEPLOYED GLOBALLY, BUT THE TECHNOLOGY IS SEATED ON THE 103RD FLOOR OF NEW YORK CITY'S WORLD TRADE CENTER. THE SEVER TIME LISTED BELOW, IS WALL STREET TIME.

CURRENT SERVER TIME 6/14/01 11:49 1706

830

SESSION	START TIME	END TIME	STATUS
REGISTRATION	6/14/01 10:50	6/14/01 11:00	COMPLETED
ANALYSIS	6/14/01 11:00	6/14/01 11:05	COMPLETED
TRADE (2001-2002)	6/14/01 11:05	6/14/01 11:15	COMPLETED
ANALYSIS	6/14/01 11:15	6/14/01 11:20	COMPLETED
TRADE (2003-2004)	6/14/01 11:20	6/14/01 11:30	COMPLETED
ANALYSIS	6/14/01 11:30	6/14/01 11:35	COMPLETED
TRADE (2005-2006)	6/14/01 11:35	6/14/01 11:40	COMPLETED
ANALYSIS	6/14/01 11:40	6/14/01 11:45	COMPLETED
TRADE (2007-2008)	6/14/01 11:45	6/14/01 11:50	EXECUTING
RECONCILIATION	6/14/01 12:15	6/14/01 12:20	

COPYRIGHT ©2001 CO2e.COM LLC. ALL RIGHTS RESERVED.

BACK TO TOP:

FIG. 18

19/37

248

1800

SIMULATION REPORT	
CONGRATULATIONS	
YOU HAVE SUCCESSFULLY COMPLETED CO2e.COM'S TRADING SIMULATION	
ADDITIONAL OPPORTUNITIES	
CO2e.COM OFFERS A FULL RANGE OF TRADING TOOLS FOR YOUR INVESTIGATION.	
▶ TRADING SIMULATIONS	ASK US MORE ABOUT CO2e.COM'S TRADING SIMULATIONS HERE.
▶ CORPORATE TRADING SESSIONS	CO2e.COM CAN CUSTOM-DELIVER CORPORATE TRADING SESSIONS FOR YOUR ENTERPRISE. ASK US ABOUT YOUR OPTIONS HERE.
▶ INTERNAL MARKETS	INTERNAL MARKETS PROVIDES THE TECHNOLOGY BEHIND YOUR INTERNAL CARBON TRADING PROGRAMS. ASK US ABOUT WHY CO2e.COM'S INTERNAL MARKETS IS RIGHT FOR YOUR BUSINESS HERE.
CATEGORY REPORT	
YOU DID NOT WIN ANY CATEGORIES	
ORGANISATION	
POSITION	
ORIGINATE	
TRADE	
NEWS	
REPORTING	
TIMELINE	
DEMO	
LOG OUT	
ABOUT THE SIMULATION	

828

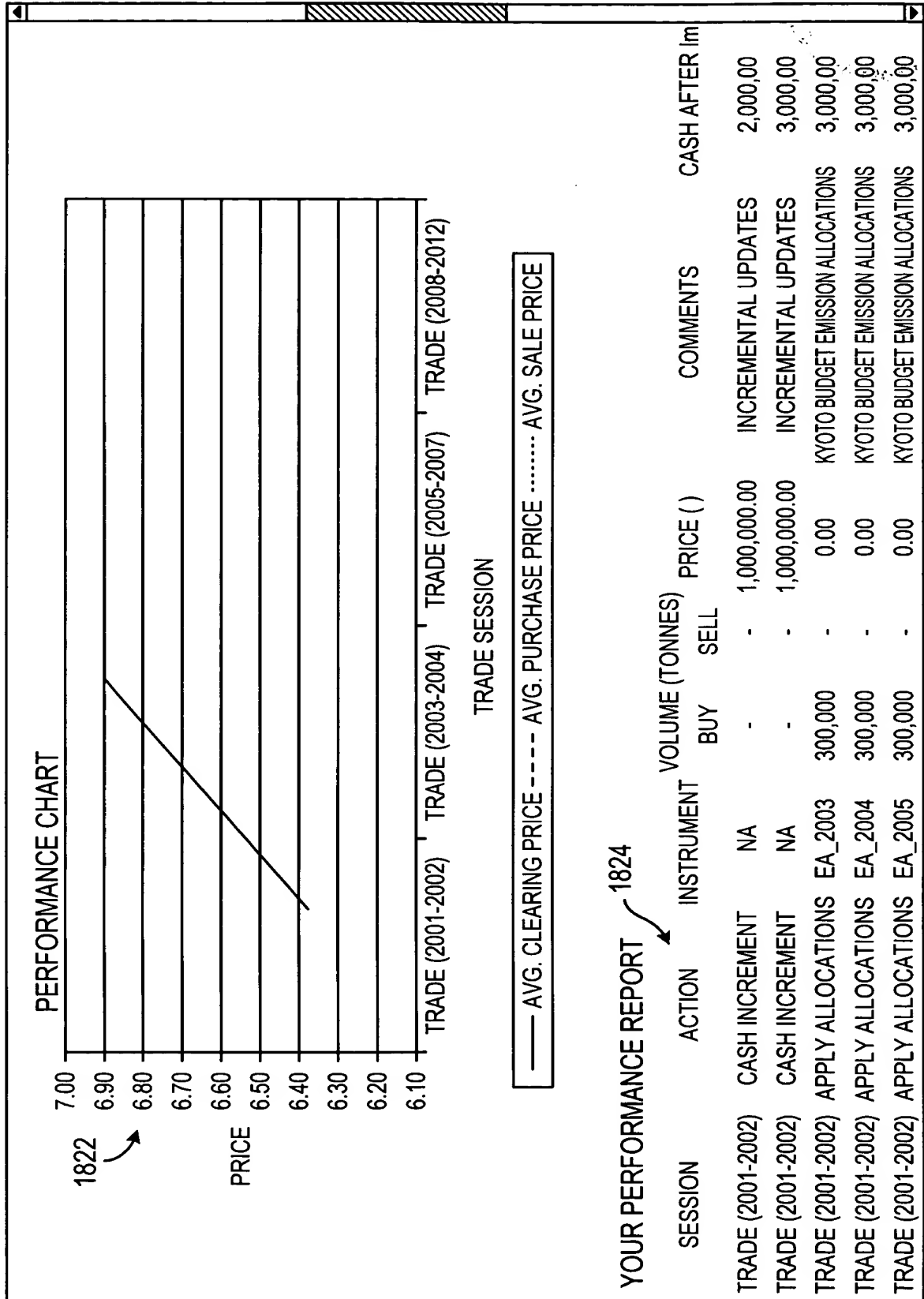
1804

1806

FIG. 19

20/37

FIG. 20



21/37

FIG. 21

1900

ABOUT THE SIMULATION

THE TRADING SIMULATION IS ONE OF A SERIES OF INTERACTIVE TRADING TOOLS THAT HAS BEEN BROUGHT TO MARKET BY CO2e.COM. THE CO2e.COM TRADING SIMULATION IS A PLATFORM TO LEARN ABOUT THE OPERATION OF A MORE COMMODITISED CARBON MARKET, AND THE POTENTIAL IMPLICATIONS OF MAJOR POLICY DECISIONS ON THIS EMERGING MARKETPLACE. IT REPRESENTS A SIMPLIFIED MODEL OF HOW INTERNATIONAL OR DOMESTIC CARBON TRADING MIGHT DEVELOP. THE SIMULATION COMBINES MANY OF THE KEY ELEMENTS OF EMERGING POLICY WITH SOPHISTICATED TRADING TECHNOLOGY FROM ONE OF WALL STREET'S FASTEST GROWING B2B ELECTRONIC SOLUTIONS PROVIDER, eSPEED, INC., TO CREATE A HIGHLY USABLE, ENJOYABLE AND INSTRUCTIVE SIMULATION.

BROAD ASSUMPTIONS

SEVERAL KEY ASSUMPTIONS HAVE BEEN MADE IN THE DESIGN OF CO2e.COM'S TRADING SIMULATION. THESE ASSUMPTIONS ARE AS FOLLOWS:

- THE SIMULATED TRADING REGIME IS ONE THAT COULD BE ESTABLISHED BY AN INTERNATIONAL INTERPRETATION OF THE KYOTO PROTOCOL, WITH OR WITHOUT AN ADVANCED DOMESTIC TRADING ENVIRONMENT
- ALL CREDIT TYPES ARE FULLY DEFINED AND TRANSFERABLE ACROSS INTERNATIONAL BOUNDARIES
- PARTICIPANTS IN NON-ANNEX B COUNTRIES CAN SELL AND BUY CREDITS

IT IS IMPORTANT TO RECOGNIZE THESE ASSUMPTIONS BEFORE ENGAGING THE SIMULATION.

SIMULATION ELEMENTS

FOUR DIFFERENT TYPES OF ENTITIES PARTICIPATE IN THE SIMULATION, EACH WITH DIFFERENT CHARACTERISTICS AND GOALS:

BUYERS FACE CAPS ON THEIR CARBON DIOXIDE EQUIVALENT (CO2e) EMISSIONS AND MUST UNDERTAKE INTERNAL ACTIONS AND MAY ENGAGE IN TRADING TO COMPLY WITH EMISSIONS TARGETS AT THE LEAST COST AND AVOID COMPLIANCE PENALTIES.

SUPPLIERS ARE CAPABLE OF PRODUCING JOINT IMPLEMENTATION (JI) OR CLEAN DEVELOPMENT MECHANISM (CDM) CREDITS AND ATTEMPT TO MAXIMIZE PROFIT FROM THE SALE OF THESE CREDITS.

TRADERS TAKE SPECULATIVE POSITIONS IN THE MARKET FOR PROFIT THROUGH THE CAREFUL ANALYSIS OF LATE-BREAKING NEWS AND THE OBSERVATION OF MARKET BEHAVIOUR. TRADERS ADD LIQUIDITY TO THE MARKET.

NGOS SEEK TO ACHIEVE THE GREATEST ENVIRONMENTAL "GOOD" AT THE LEAST ECONOMIC COST BY PURCHASING AND HOLDING ON TO CREDITS FOR ULTIMATE RETIREMENT WITH LIMITED ECONOMIC RESOURCES.

THE PARTICIPANTS ARE LOCATED IN ONE OF THREE FICTITIOUS COUNTRIES. NARNIA AND UTOPIA ARE BOTH ANNEX B (CAPPED) NATIONS. THE BUYERS AND TRADERS ARE EXCLUSIVELY LOCATED IN THESE COUNTRIES. THE SINGLE NON-ANNEX B COUNTRY, GONDWANA, IS HOME TO ROUGHLY TWO-THIRDS OF THE SUPPLIERS, WITH THE REST LOCATED IN THE CAPPED NATIONS.

ORGANISATION

POSITION

ORIGINATE

TRADE

NEWS

REPORTING

TIMELINE

DEMO

LOG OUT

836

ABOUT THE
SIMULATION

2100

CUSTOMISE SIMULATION NEWS

US DEMO

NO UNRELEASED NEWS ARTICLES TO DISPLAY

BASE NEWS ARTICLES

PLEASE SELECT A NEWS ARTICLE TO ADD

UTOPIA STARLET EMISSINSHANDELSSYSTEM
UTOPIA RUECK ERHOEHT PRAEMIE FUER HOCHWASSERSCHAEDEN
REGIERUNG VON UTOPIA GIBT CAPS FUR UNTERNEHMEN BEKANNT
IPCC VEROEFFENTLICHT 4. KLIMABERICHT
EU KUENDIGT EMISSIONSHANDELSSYSTEM AN

2108

ADD

2104

2106

2024

2025

2026

2027

2028

2029

2030

2031

2032

2033

2034

2035

2036

2037

2038

2039

2040

2041

2042

2043

2044

2045

2046

2047

2048

2049

2050

2051

2052

2053

2054

2055

2056

2057

2058

2059

2060

2061

2062

2063

2064

2065

2066

2067

2068

2069

2070

2071

2072

2073

2074

2075

2076

2077

2078

2079

2080

2081

2082

2083

2084

2085

2086

2087

2088

2089

2090

2091

2092

2093

2094

2095

2096

2097

2098

2099

ORGANISATION

POSITION

ORIGINATE

TRADE

NEWS

REPORTING

TIMELINE

MAINTAIN

REAL TIMES

CUSTOMISE

NEWS LINKS

DISPLAY

CATEGORY

WINNERS

SIMULATION

MAINTENANCE

ORGANIZATION

MAINTENANCE

COUNTRY

MAINTENANCE

START/STOP

SIMULATION

LOG OUT

ABOUT THE SIMULATION

BACK TO TOP

FIG. 23

CO2e.COM

FIG. 24

ORGANISATION	BUSH REJECTS KYOTO		2202
POSITION	<P> 06/14/2001		2204
ORIGINATE	<P> THE BUSH ADMINISTRATION HAS...		
TRADE	17-ADDITIONAL NEWS ITEM		2206
NEWS			
REPORTING			
TIMELINE			
MAINTAIN	2003-2004 ~ 2208		
REAL TIMES	ALL		2210
CUSTOMISE	CDM-GONDWANA		
NEWS LINKS	JI-NARNIA		
DISPLAY	JI-UTOPIA		
CATEGORY	EA-ALL		
WINNERS			
SIMULATION	ALL		2212
MAINTENANCE	FORESTRY		
ORGANISATION	LAND USE CHANGE		
MAINTENANCE	METHANE CAPTURE		
COUNTRY	TECHNOLOGY/PROCESS CHANGE		
MAINTENANCE			
START/STOP	ALL		2214
SIMULATION	YEAR 0		
LOG OUT	YEAR 2003		
	YEAR 2004		
	YEAR 2005		
ABOUT THE	-25 % ~ 2216		
SIMULATION	SAVE 2220		DELETE 2218

25/37

2300

CUSTOMISE SIMULATION NEWS	
US DEMO	
UNRELEASED NEWS ARTICLES	
HEADLINE	2302
BUSH REJECTS KYOTO	
RELEASE ROUND	
2003-2004	2304
2306	
EDIT	
ADD	
BASE NEWS ARTICLES	
PLEASE SELECT A NEWS ARTICLE TO ADD	
UTOPIA STARLET EMISSIONSHANDELSSYSTEM UTOPIA RUECK ERHOEHT PRAEMIE FUER HOCHWASSERSCHAEDEN REGIERUNG VON UTOPIA GIBT CAPS FUR UNTERMEHMEN BEKANNT IPCC VEROEFFENTLICHT 4. KLIMABERICHT EU KUENDIGT EMISSIONSHANDELSSYSTEM AN	
ORGANISATION	
POSITION	
ORIGINATE	
TRADE	
NEWS	
REPORTING	
TIMELINE	
MAINTAIN	
REAL TIMES	
CUSTOMISE	
NEWS LINKS	
DISPLAY	
CATEGORY	
WINNERS	
SIMULATION	
MAINTENANCE	
ORGANISATION	
MAINTENANCE	
COUNTRY	
MAINTENANCE	
START/STOP	
SIMULATION	
LOG OUT	
ABOUT THE SIMULATION	
COPYRIGHT ©2001 CO2e.COM LLC. ALL RIGHTS RESERVED.	
BACK TO TOP	

FIG. 25

2003-2004

FIG. 26

2400

MAINTAIN SIMULATION PARAMETERS - SELECT

ACTIVE SIMULATIONS

US DEMO 2404

2406 EDIT

NO COMPLETE SIMULATIONS

2408 ADD

ADD SIMULATION

2028

ORGANISATION

POSITION

ORIGINATE

TRADE

NEWS

REPORTING

TIMELINE

MAINTAIN

REAL TIMES

CUSTOMISE

NEWS LINKS

DISPLAY

CATEGORY

WINNERS

SIMULATION

MAINTENANCE

ORGANISATION

MAINTENANCE

COUNTRY

MAINTENANCE

START/STOP

SIMULATION

LOG OUT

ABOUT THE

SIMULATION

BACK TO TOP

27/37

FIG. 27

2500

MAINTAIN SIMULATION PARAMETERS - UPDATE	
NAME	US DEMO 2502
ANNOUNCEMENT YEAR	2002 2504 %
COST CURVE %	0 2506 %
BUSINESS AS USUAL %	0 2508 %
INTEREST	7 2510 %
<div>SAVE 2512</div> <div>BACK 2514</div>	
ORGANISATION POSITION ORIGINATE TRADE NEWS REPORTING TIMELINE MAINTAIN REAL TIMES CUSTOMISE NEWS LINKS DISPLAY CATEGORY WINNERS SIMULATION MAINTENANCE ORGANISATION MAINTENANCE COUNTRY MAINTENANCE START/STOP SIMULATION LOG OUT ABOUT THE SIMULATION	

28/37

FIG. 28

2600

MAINTAIN ORGANISATION - SELECT	
NEW ORGANISATION	
TYPE	END-USER
	ADD
EXISTING ORGANISATION	
	LAURA'S CEMENT CO.
	EDIT
	DELETE
2030	
ORGANISATION	
POSITION	
ORIGINATE	
TRADE	
NEWS	
REPORTING	
TIMELINE	
MAINTAIN	
REAL TIMES	
CUSTOMISE	
NEWS LINKS	
DISPLAY	
CATEGORY	
WINNERS	
SIMULATION	
MAINTENANCE	
ORGANISATION	
MAINTENANCE	
COUNTRY	
MAINTENANCE	
START/STOP	
SIMULATION	
LOG OUT	
ABOUT THE SIMULATION	

BACK TO TOP

COPYRIGHT ©2001 CO2e.COM LLC. ALL RIGHTS RESERVED.

29/37

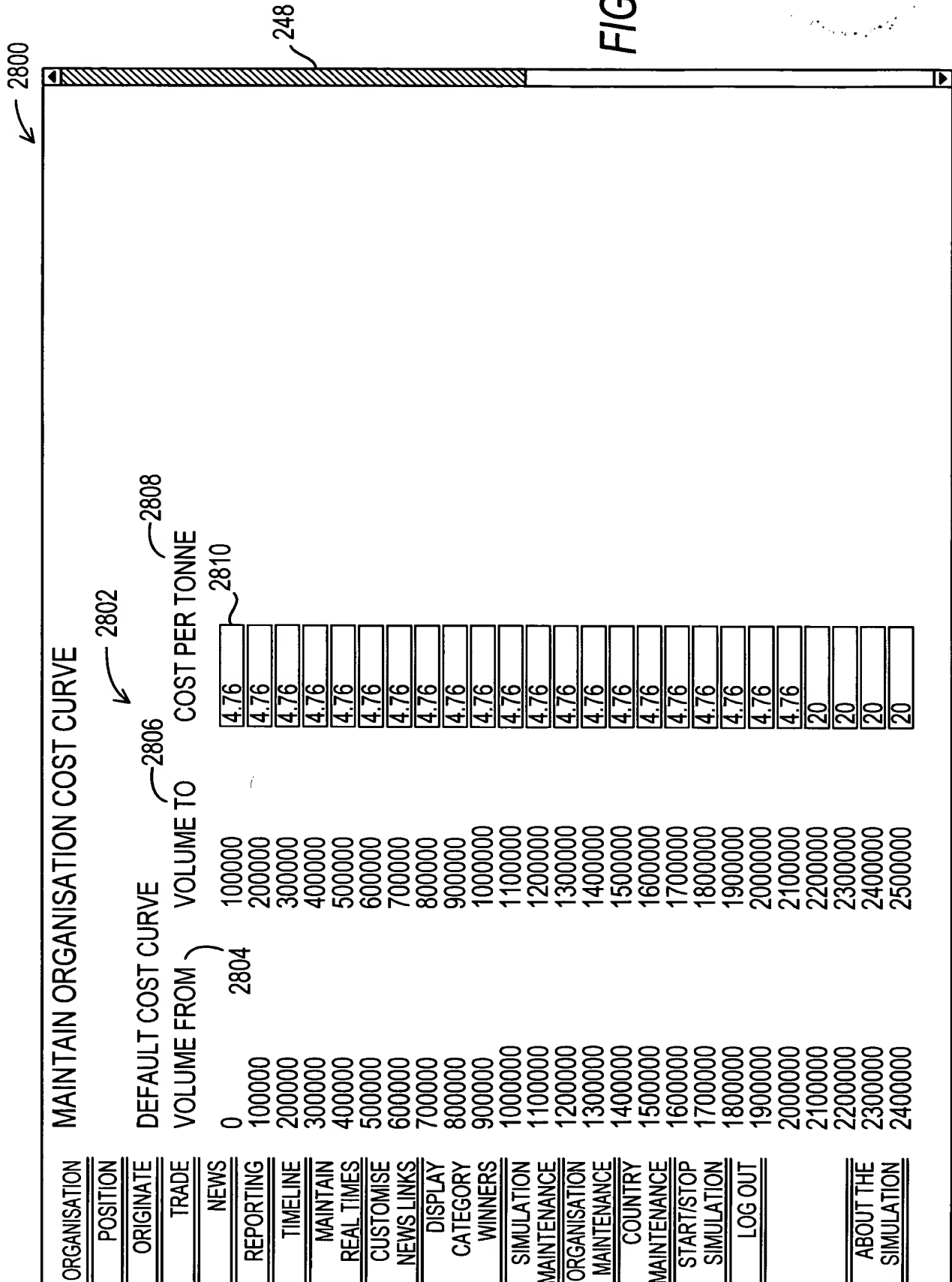
FIG. 29

2700

ORGANISATION DETAILS - BUYER/SUPPLIER	
NAME	JOHN'S CATTLE COMPANY 2702
DESCRIPTION	JOHN'S CATTLE COMPANY IS A COMPANY THAT 2704
STARTING CASH	5900000 2708
YEARLY CASH ALLOC	5900000 2712
INDUSTRY TYPE	POWER GENERATOR - COAL-BROWN 2714
COUNTRY	UTOPIA 2716
INSTRUMENT CREATION	
ISSUE CLASS	IR 2718
PROJECT TYPE	
INTERNAL REDUCTIONS 2720	
YEARLY VALUES 2726	
COST CURVE 2724	
SAVE 2722	
BACK TO TOP	

30/37

FIG. 30



31/37

FIG. 31

← 2820

2500000	2600000	50
2600000	2700000	50
2700000	2800000	65
2800000	2900000	65
2900000	3000000	65
3000000	3100000	65
3100000	3200000	65
3200000	3300000	65
3300000	3400000	65
3400000	3500000	65
3500000	3600000	65
3600000	3700000	65
3700000	3800000	65
3800000	3900000	65
3900000	4000000	65
4000000	4100000	65
4100000	4200000	65
4200000	4300000	65
4300000	4400000	65
4400000	4500000	65
4500000	4600000	65
4600000	4700000	65
4700000	4800000	65
4800000	4900000	65
4900000	5000000	65

APPLY LAST COST TO REST

2822 ☐ YES ☒ NO 2824

2826

BACK TO TOP

COPYRIGHT ©2001 CO2e.COM LLC. ALL RIGHTS RESERVED.

2930 →

26				
27				
28				
29				
30				
31				
32				
33				
34				
35				
36				
37				
38				
39				
40				
41				
42				
43				
44				
45				
46				
47				
48				
49				
50				

APPLY LAST VALUE TO REST

2932 YES 2934 NO 2936 SAVE

BACK TO TOP

34/37

FIG. 34

← 3000

ORGANISATION	MAINTAIN COUNTRY			
POSITION				
ORIGINATE	ADD COUNTRY			
TRADE				
NEWS				
REPORTING				
TIMELINE				
MAINTAIN REAL TIMES				
CUSTOMISE				
NEWS LINKS				
DISPLAY				
CATEGORY				
WINNERS				
SIMULATION MAINTENANCE				
ORGANISATION MAINTENANCE				
COUNTRY				
MAINTENANCE				
START/STOP				
SIMULATION				
LOG OUT				
ABOUT THE SIMULATION				

NAME	3008	ZENITH	3004	ACRONYM	3010
SUPPLEMENTARITY %		6	%	EARLY ACTION CREDIT %	5
CAPPED COUNTRY		YES	NO		
		3022	3024		
				ADD	3014
EDIT/DELETE COUNTRY				DELETE	3020
		GONDWANA	3016	EDIT	3018
			2032		

BACK TO TOP

35/37

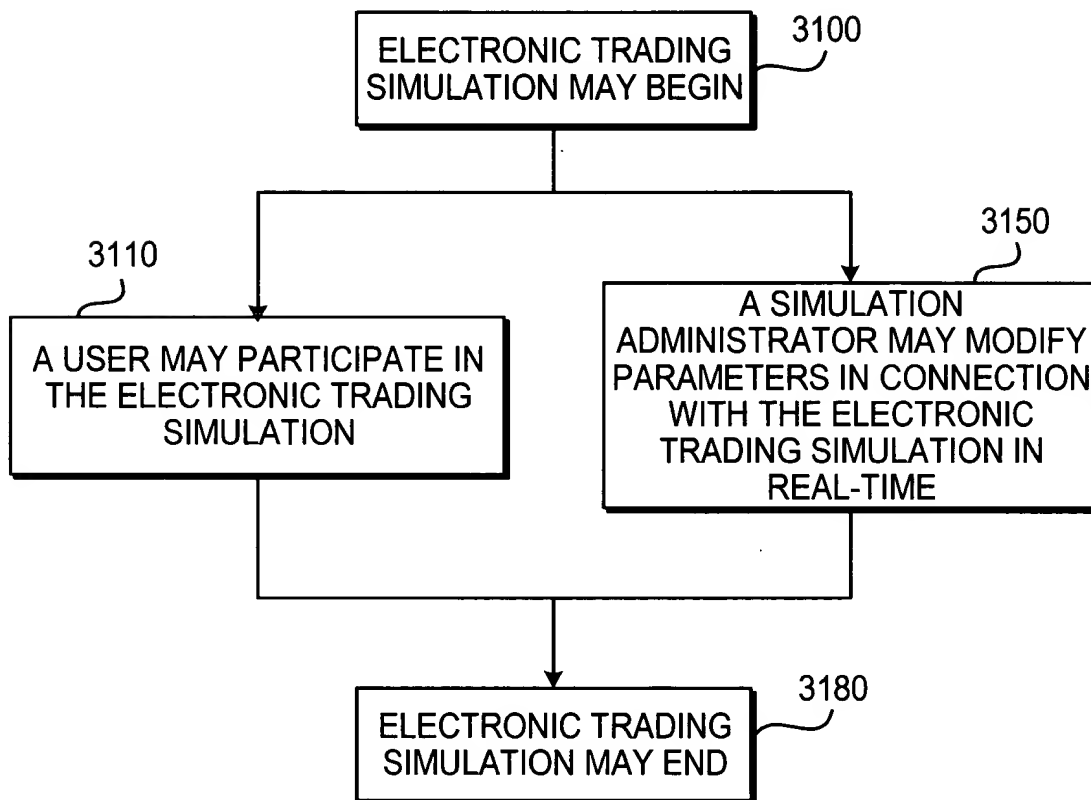


FIG. 35

36/37

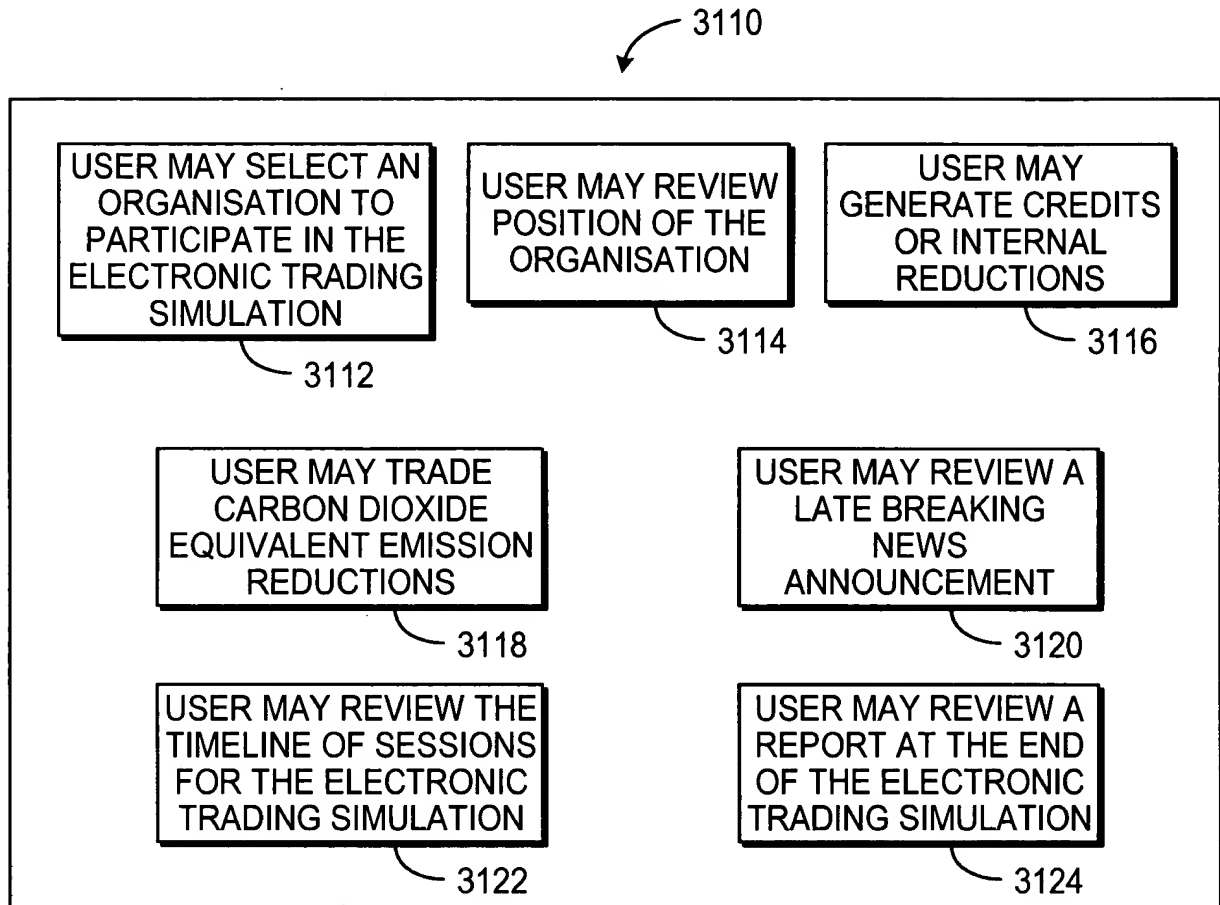


FIG. 36

37/37

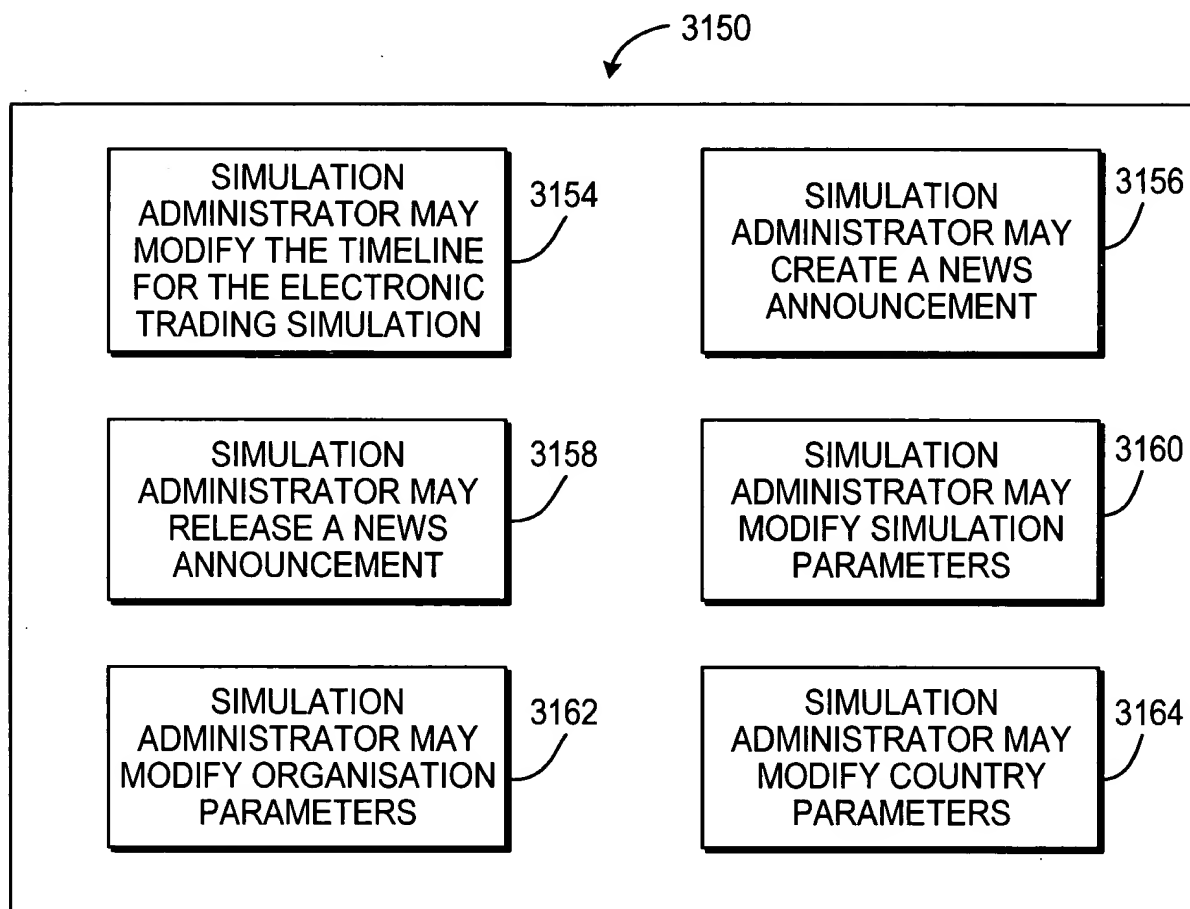


FIG. 37